## MODULE 1 LESSON 8 QUIZ

- 1. Question. Which of the following functions is one-to-one?
  - A. y = 3B.  $\{(2, 3), (1, 2), (5, 2), (3, 17)\}$ C. y = |x|D.  $\{(2, 3), (1, 2), (5, 1), (3, 17)\}$ Go to answer 1
- 2. Question. Which of the following graphs represents a one-to-one function?









Go to answer 2

3. Question. The function given by the equation  $y = x^2 - 2x + 1$  is not a one-to-one function because

A. two is related to one so not one-to-one

B. there is one value of x related to two values of y

C. if y = 4 then the equation  $y = x^2 - 2x + 1$  has two solutions x = -1 and x = 3

D. one input gives two different outputs

Go to answer 3

## ANSWERS

- Answer to Question 1 is "D".
  Go back 1
- Answer to Question 2 is "D".
  Go back 2
- 3. Answer to Question 3 is "C".

Go back 3